

XPC Rabbit pAb

Catalog No.: A8354 2 Publications

Basic Information

Observed MW

130kDa

Calculated MW

106kDa

Category

Primary antibody

Applications

WB, IHC-P, IP, ELISA

Cross-Reactivity

Human

Background

The protein encoded by this gene is a key component of the XPC complex, which plays an important role in the early steps of global genome nucleotide excision repair (NER). The encoded protein is important for damage sensing and DNA binding, and shows a preference for single-stranded DNA. Mutations in this gene or some other NER components can result in Xeroderma pigmentosum, a rare autosomal recessive disorder characterized by increased sensitivity to sunlight with the development of carcinomas at an early age. Alternatively spliced transcript variants have been found for this gene.

Recommended Dilutions

WB	1:500 - 1:2000
IHC-P	1:50 - 1:200
IP	0.5μg-4μg antibody for 200μg-400μg extracts of whole cells
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Contact

	400-999-6126
	cn.market@abclonal.com.cn
	www.abclonal.com.cn

Immunogen Information

Gene ID

7508

Swiss Prot

Q01831

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

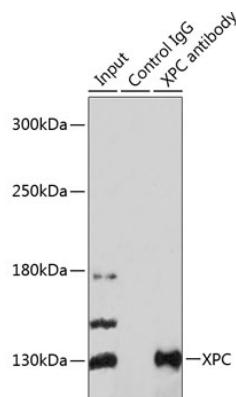
Synonyms

XP3; RAD4; XPCC; p125; XPC

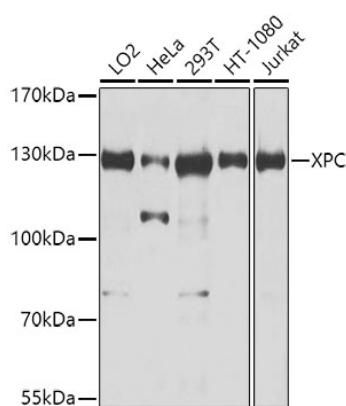
Product Information

Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.		

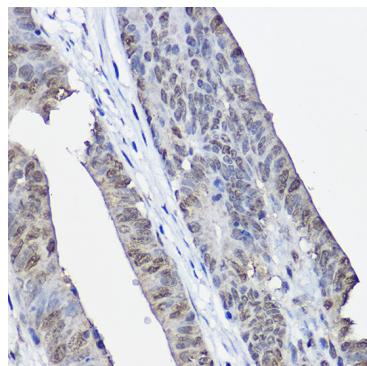
Validation Data



Immunoprecipitation analysis of 200 µg extracts of 293T cells using 3 µg XPC antibody (A8354). Western blot was performed from the immunoprecipitate using XPC antibody (A8354) at a dilution of 1:1000.



Western blot analysis of various lysates using XPC Rabbit pAb (A8354) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Enhanced Kit (RM00021).
Exposure time: 5s.



Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using XPC Rabbit pAb (A8354) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.